

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application. For the Examiner's convenience, a complete listing of all claims, incorporating the amendments made herein, is attached as Appendix A.

Listing of Claims:

Claims 1-11. Cancelled

12. (Amended) A method for lowering serum cholesterol in humans comprising administering to a human the combination of an essentially non-absorbable very high molecular weight sulfated polysaccharide having less than about 5.0 wt. percent of sulfated polysaccharides having a molecular weight less than 75,000 Daltons and containing less than 0.5 weight percent of inorganic sulfate and a second compound that reduces serum cholesterol levels wherein the high molecular weight sulfated polysaccharide is prepared by sulfating a very high molecular weight polysaccharide with a sulfur containing compound at a temperature less than about 20° C.

13. (Previously Presented) The method of claim 12 wherein the second compound is at least one cholesterol synthesis blocker.

14. (Previously Presented) The method of claim 13 wherein the cholesterol synthesis blocker is lovastatin.

15. (Previously Presented) The method of claim 12 wherein the second compound is an inhibitor of ACAT.

16. (Previously Presented) The method of claim 12 wherein the sulfated polysaccharide is sulfated cellulose.

17. (Amended) A method for lowering serum cholesterol in humans comprising administering to a human the combination of an essentially non-absorbable very high molecular weight sulfated cellulose having less than about 5.0 wt. percent of sulfated cellulose having a molecular weight less than 75,000 Daltons and containing less than 0.5 weight percent of inorganic sulfate and lovastatin wherein the high molecular weight sulfated polysaccharide is prepared by sulfating a very high molecular weight polysaccharide with a sulfur containing compound at a temperature less than about 20° C.